

THE following Returns of Births and Deaths registered in South Australia during the undermentioned period are published for general information.

Chief Secretary's Office, Adelaide, April 26th, 1898.  
J. V. O'LOGLIN, Chief Secretary.

Return of Births and Deaths registered in South Australia, exclusive of the Northern Territory, in the Month of February, 1893-98.

Years .....	1893.	1894.	1895.	1896.	1897.	Average of Five Years.	1898											Total for 1898.
*Population, Feb. 1st	332,431	342,140	347,481	351,136	352,597		356,872											
Births.....	784	772	800	731	654	748	647											1,430
Rate per cent. ....	·236	·266	·230	·208	·185	—	·181											
Deaths -							All Ages.	Under 1 year.	1 and under 5.	5 and under 20.	20 and under 40.	40 and under 60.	60 and under 80.	80 and upwards.	Not stated.	+Coroners' inquiries.	+Uncertified causes of Death.	
All causes .....	309	310	365	329	346	332	400	109	32	35	68	58	80	17	1	56	5	906
Rate per cent. ....	·093	·091	·105	·094	·098	—	·112	—	—	—	—	—	—	—	—	—	—	
Diseases—																		
i. Specific Febrile or Zymotic ..	62	59	58	54	58	—	76	30	6	12	16	5	7	—	—	—	—	
ii. Parasitic .....	—	—	2	1	2	—	1	—	—	—	1	—	—	—	—	—	—	
iii. Dietic .....	4	3	2	4	5	—	6	4	—	—	2	—	—	—	—	—	—	
iv. Constitutional..	46	56	60	49	52	—	60	6	1	9	15	14	12	3	—	—	—	
v. Developmental..	38	31	33	32	38	—	40	7	—	—	—	—	21	12	—	—	—	
vi. Local .....	107	119	150	133	135	—	156	43	17	7	24	29	34	2	—	—	—	
vii. Violence .....	18	17	36	36	34	—	39	4	3	7	10	9	6	—	—	—	—	
viii. Ill-defined and not specified causes .....	34	25	24	20	22	—	22	15	5	—	—	1	—	—	1	—	—	

\* The numbers represent the population of South Australia proper, and are exclusive of that of the Northern Territory (European and Chinese), and also of the number of the aborigines.  
+ Including inquests.  
‡ Not certified by qualified practitioners.

Causes of Deaths registered in the Month of February, 1898.

	Under One Year.	One Year and Above.		Under One Year.	One Year and Above.		Under One Year.	One Year and Above.
I.			V.			Diseases of locomotive system .....	1	2
Measles .....	—	—	Premature birth.....	3	—	Diseases of integumentary system.....	—	1
Scarlet fever .....	—	1	Cyanosis .....	2	—	VII.		
Relapsing fever .....	—	—	Congenital defects, .....	2	—	(Accident.)		
Influenza ..	—	2	Old age .....	—	33	Fracture and contusion....	—	2
Whooping-cough .....	—	—	VI.			Gunshot wound .....	—	—
Diphtheria .....	1	3	Apoplexy .....	—	6	Cut, stab.....	—	—
Simple and ill-defined fever..	—	2	Epilepsy .....	—	—	Burn and scald .....	—	2
Enteric fever .....	—	17	Convulsions .....	10	7	Poison .....	—	1
Simple cholera .....	—	1	Other diseases of brain and nervous system .....	4	13	Drowning .....	—	4
Diarrhoea, dysentery.....	29	13	Diseases of organs of special sense .....	—	—	Suffocation .....	—	—
Remittent fever .....	—	—	Diseases of circulatory system .....	—	17	Otherwise .....	4	17
Venereal affections.....	—	1	Croup .....	2	—	(Homicide.)		
Erysipelas .....	—	1	Bronchitis .....	5	3	Murder and manslaughter..	—	3
Pyæmia and septicæmia ....	—	2	Pneumonia .....	2	9	(Suicide.)		
Puerperal fever .....	—	3	Pleurisy .....	—	1	Gunshot wound.....	—	2
Other zymotic diseases .....	—	—	Other diseases of respiratory system.....	—	1	Cut, stab.....	—	1
II.			Dentition .....	2	1	Poison .....	—	1
Thrush .....	—	—	Quinsy, sore throat .....	—	—	Drowning .....	—	—
Worms and other parasitical diseases .....	—	1	Enteritis .....	15	7	Hanging .....	—	2
III.			Peritonitis .....	—	8	Otherwise .....	—	—
Privation—want of breast milk	4	2	Diseases of liver.....	1	7	(Execution.)		
Alcoholism .....	—	—	Other diseases of digestive system.....	1	5	Hanging .....	—	—
IV.			Diseases of lymphatic system and of ductless glands	—	1	VIII.		
Rheumatic fever and rheumatism of heart .....	—	4	Diseases of urinary system	—	18	Dropsy .....	—	—
Rheumatism .....	—	1	Diseases of generative system .....	—	3	Debility, atrophy, inanition	15	4
Gout .....	—	1	Accidents of childbirth....	—	3	Mortification .....	—	—
Cancer, malignant disease....	—	13				Tumor .....	—	1
Tabes mesenterica .....	1	—				Abscess .....	—	1
Tubercular meningitis .....	1	3				Hæmorrhage .....	—	—
Phthisis .....	2	28				Sudden, cause unascertained	—	—
Scrofula, tuberculosis .....	2	2				Other ill-defined and not specified causes .....	—	1
Other constitutional diseases..	—	2						

*Return of Births and Deaths registered in the City of Adelaide in the Month of February, 1893-98.*

Years .....	1893.	1894.	1895.	1896.	1897.	Average of Five Years.	1898.											Total for 1898.
Population, Jan. 1st	39,073	39,749	40,167	40,406	40,384		40,475											
Births .....	95	95	78	85	71	85	61											161
Rate per cent.....	·243	·239	·194	·210	·176	—	·151											
<i>Deaths—</i>							All Ages.	Under 1 year.	1 and under 6.	5 and under 20.	20 and under 40.	40 and under 60.	60 and under 80.	80 and upwards.	Not stated.	*Coroner's inquiries.	+Uncertified causes of death.	
All causes .....	82	68	77	76	63	73	37	17	5	10	23	24	14	4	—	7	—	182
Rate per cent .....	·210	·171	·192	·188	·156	—	·240	—	—	—	—	—	—	—	—	—	—	
<i>Diseases—</i>																		
I. Specific Febrile or Zymotic ..	14	7	8	10	6	—	14	1	—	4	7	1	1	—	—	—	—	
II. Parasitic .....	1	2	1	—	—	—	1	—	—	—	1	—	—	—	—	—	—	
III. Dietic .....	2	1	1	2	1	—	1	1	—	—	—	—	—	—	—	—	—	
IV. Constitutional ..	19	12	27	16	17	—	18	2	—	3	4	6	1	2	—	—	—	
V. Developmental...	7	7	5	5	9	—	9	2	—	—	—	—	6	1	—	—	—	
VI. Local .....	31	33	27	30	23	—	36	4	3	1	8	14	5	1	—	—	—	
VII. Violence .....	1	2	4	8	2	—	10	—	1	2	3	3	1	—	—	—	—	
VIII. Ill-defined and not specified causes .....	7	4	4	5	5	—	8	7	1	—	—	—	—	—	—	—	—	

\* Including inquests.

+ Not certified by qualified practitioners.

*Causes of Deaths registered in the Month of February, 1898.*

	Under One Year.	One Year and Above.		Under One Year.	One Year and Above.		Under One Year.	One Year and Above.
I.			Scrofula, tuberculosis ....	1	—	Accidents of childbirth ....	—	—
Measles .....	—	—	Other constitutional diseases	—	—	Diseases of locomotive system	—	1
Scarlet fever .....	—	—				Diseases of integumentary system .....	—	—
Relapsing fever .....	—	—	V.					
Influenza .....	—	—	Premature birth .....	1	—	VII. (Accident.)		
Whooping-cough .....	—	—	Cyanosis .....	1	—	Fracture and contusion....	—	—
Diphtheria .....	—	—	Congenital defects .....	—	—	Gunshot wound .....	—	—
Simple and ill-defined fever..	—	—	Old age .....	—	7	Cut, stab .....	—	—
Enteric fever .....	—	7				Burn and scald .....	—	1
Simple cholera .....	—	—	VI.			Poison .....	—	1
Diarrhoea, dysentery .....	1	2	Apoplexy .....	—	2	Drowning .....	—	—
Remittent fever .....	—	—	Epilepsy .....	—	—	Suffocation .....	—	—
Venereal affections .....	—	1	Convulsions .....	2	2	Otherwise .....	—	5
Erysipelas .....	—	—	Other diseases of brain and nervous system .....	1	3	(Homicide.)		
Pyæmia and septicæmia ....	—	1	Diseases of organs of special sense .....	—	—	Murder and manslaughter..	—	1
Puerperal fever .....	—	2	Diseases of circulatory system	—	4	(Suicide.)		
Other zymotic diseases .....	—	—	Croup .....	—	—	Gunshot wound .....	—	1
II.			Bronchitis .....	1	—	Cut, stab .....	—	—
Thrush .....	—	—	Pneumonia .....	—	2	Poison .....	—	1
Worms and other parasitical diseases .....	—	1	Pleurisy .....	—	—	Drowning .....	—	—
III.			Other diseases of respiratory system .....	—	1	Hanging .....	—	—
Privation—want of breast milk	1	—	Dentition .....	—	1	Otherwise .....	—	—
Alcoholism .....	—	—	Quinsy, sore throat .....	—	—	(Execution)		
IV.			Enteritis .....	—	1	Hanging .....	—	—
Rheumatic fever and rheuma- tism of heart .....	—	—	Peritonitis .....	—	1			
Rheumatism .....	—	—	Diseases of liver .....	—	3	VIII.		
Gout .....	—	—	Other diseases of digestive system .....	—	1	Dropsy .....	—	—
Cancer, malignant disease ..	—	6	Diseases of lymphatic sys- tem and of ductless glands	—	—	Debility, atrophy, inanition	7	1
Tabes mesenterica .....	—	—	Diseases of urinary system	—	8	Mortification .....	—	—
Tubercular meningitis .....	—	1	Diseases of generative system	—	2	Tumor .....	—	—
Phthisis .....	1	9				Abscess .....	—	—
						Hæmorrhage .....	—	—
						Sudden, cause unascertained	—	—
						Other ill-defined and not specified causes .....	—	—



Return of Births and Deaths registered in each Ward of the City of Adelaide, exclusive of Deaths in Public Institutions, of persons not usually resident in the city, in the Month of February, 1898.

	Total.	Hindmarsh.	Gawler.	Grey.	Young.	Robe.	MacDonnell.
Area in acres .....	3,632	573	659	552	718	480	650
Estimated population January 1st .....	40,475	6,233	7,080	8,632	9,949	3,651	4,930
Persons to an acre .....	11.1	10.9	10.7	15.6	13.9	7.6	7.6
Births .....	61	10	7	15	19	3	7
Male .....	31	5	2	9	9	1	5
Female .....	30	5	5	6	10	2	2
Deaths .....	76	24	13	9	21	3	6
Male .....	42	17	8	4	10	—	3
Female .....	34	7	5	5	11	3	3
CLASSES.							
I. Specific Febrile or Zymotic Diseases .....	8	—	2	—	5	—	1
II. Parasitic Diseases .....	—	—	—	—	—	—	—
III. Dietic Diseases .....	1	1	—	—	—	—	—
IV. Constitutional Diseases .....	13	3	5	1	4	—	—
V. Developmental Diseases .....	9	6	—	—	2	—	1
VI. Local Diseases .....	29	10	4	4	5	3	3
VII. Violence .....	8	2	1	3	1	—	1
VIII. Ill-defined and not specified causes .....	8	2	1	1	4	—	—
Percentage of Deaths to population of each Ward .....	.188	.385	.184	.104	.211	.082	.122

Causes of Deaths registered in the Month of February, 1898.

	Under One Year.	One Year and Above.		Under One Year.	One Year and Above.		Under One Year.	One Year and Above.
I.			Phthisis .....	1	6	Accidents of childbirth ....	—	—
Measles .....	—	—	Scrofula, tuberculosis .....	1	—	Diseases of locomotive system .....	—	1
Scarlet fever .....	—	—	Other constitutional diseases.	—	—	Diseases of integumentary system .....	—	—
Relapsing fever .....	—	—	V.			VII.		
Influenza .....	—	—	Premature birth .....	1	—	(Accident.)		
Whooping-cough .....	—	—	Cyanosis .....	1	—	Fracture and contusion ....	—	—
Diphtheria .....	—	—	Congenital defects .....	—	—	Gunshot wound .....	—	—
Simple and ill-defined fever ..	—	—	Old age .....	—	7	Cut, stab .....	—	—
Enteric fever .....	—	2	VI.			Burn and scald .....	—	1
Simple cholera .....	—	—	Apoplexy .....	—	2	Poison .....	—	—
Diarrhoea, dysentery .....	1	2	Epilepsy .....	—	—	Drowning .....	—	—
Remittent fever .....	—	—	Convulsions .....	2	2	Suffocation .....	—	—
Veneral affections .....	—	1	Other diseases of brain and nervous system .....	1	3	Otherwise .....	—	5
Erysipelas .....	—	—	Diseases of organs of special sense .....	—	—	(Homicide.)		
Pyæmia and septicæmia ....	—	1	Diseases of circulatory system .....	—	2	Murder and manslaughter ..	—	—
Puerperal fever .....	—	1	Croup .....	—	—	(Execution)		
Other zymotic diseases .....	—	—	Bronchitis .....	1	—	Hanging .....	—	—
II.			Pneumonia .....	—	2	(Suicide.)		
Thrush .....	—	—	Pleurisy .....	—	—	Gunshot wound .....	—	1
Worms and other parasitical diseases .....	—	—	Other diseases of respiratory system .....	—	1	Cut, stab .....	—	—
III.			Dentition .....	—	1	Poison .....	—	1
Privation — Want of breast milk .....	1	—	Quinsy, sore throat ..	—	—	Drowning .....	—	—
Alcoholism .....	—	—	Enteritis .....	—	1	Hanging .....	—	—
IV.			Peritonitis .....	—	1	Otherwise .....	—	—
Rheumatic fever and rheumatism of heart .....	—	—	Diseases of liver .....	—	3	VIII.		
Rheumatism .....	—	—	Other diseases of digestive system .....	—	1	Dropsy .....	—	—
Gout .....	—	—	Diseases of lymphatic system and of ductless glands ....	—	—	Debility, atrophy, inanition ..	7	1
Cancer, malignant disease ..	—	5	Diseases of urinary system ..	—	3	Mortification .....	—	—
Tabes mesenterica .....	—	—	Diseases of generative system ..	—	2	Tumor .....	—	—
Tubercular meningitis .....	—	—				Abscess .....	—	—
						Hæmorrhage .....	—	—
						Sudden, cause unascertained ..	—	—
						Other ill-defined and not specified causes .....	—	—

G. H. AYLIFFE, Registrar of Births and Deaths.

## FEBRUARY, 1898.

The highest temperature in the shade at the Adelaide Observatory during the month was  $109^{\circ}\cdot6$  on the 1st; and the lowest,  $52^{\circ}\cdot4$ , on the 17th. The mean temperature of the month was  $79^{\circ}\cdot2$ .

The greatest range of the thermometer in one day,  $42^{\circ}\cdot2$ , took place on the 8th, viz., from a maximum of  $108^{\circ}\cdot6$  to a minimum of  $66^{\circ}\cdot4$ ; the lowest range,  $9^{\circ}\cdot0$ , on the 25th.

The mean height of the barometer, corrected to sea level, was  $29\cdot850$  inches; the maximum,  $30\cdot221$  inches, occurred on the 17th; and the minimum,  $29\cdot590$  inches, on the 24th.

Observatory, Adelaide, March 5th, 1898.

C. TODD, Observer.